

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,052,854 B2  
APPLICATION NO. : 10/678506  
DATED : May 30, 2006  
INVENTOR(S) : Richard J. Melker et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Cover Page.

“(75) Inventors: **Richard J. Melker**, Gainesville, FL (US); **Ronald L. Hayes**, Gainesville, FL (US); **Ka-Wang Kevin Wang**, Gainesville, FL (US); **Donn Michael Dennis**, Gainesville, FL (US)” should read --(75) Inventors: **Richard J. Melker**, Gainesville, FL (US); **Ronald L. Hayes**, Gainesville, FL (US); **Ka-Wang Kevin Wang**, Gainesville, FL (US); **Donn Michael Dennis**, Gainesville, FL (US); **Charles R. Martin**, Gainesville, FL (US); **Jon D. Stewart**, Gainesville, FL (US)--

Cover Page.

Abstract, Line 9, “apparatus” should read --“aptamers”--.

Column 8.

Line 31, “dichlroodiphenyltrichloroethane” should read --dichlorodiphenyltrichloroethane--.

Column 10.

Line 60, “Biophys. .2002” should read --Biophys. J. 2002--.

Line 64, “medium according” should read --medium surrounding--.

Column 11.

Line 24, “nanotubes based” should read --nanotube based--.

Column 13.

Line 33, “(or nanocap)” should read --(or “nanocap”)--.

Column 13.

Line 48, “nonocaps” should read --nanocaps--.

Column 14.

Line 54, “Polymer Chemistry: An Invasion” should read --Polymer Chemistry: An Invitation--.

Column 15.

Line 4, “polyorganosilioxane” should read --polyorganosiloxane--.

Line 11, “a salgenates” should read --as algenates--.

Line 23, “in the templates” should read --in the template--.

Column 16.

Line 58, “Discovery of” should read --Diversity of--.

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Column 20.

Line 40, "musculkoskeletal disorders" should read --musculoskeletal disorders--.

Column 21.

Line 13, "the sample via to" should read --the sample vial to--.

Line 50, "Bronchogenic carbinomas" should read --Bronchogenic carcinomas--.

Column 22.

Line 15, "invention an include" should read --invention can include--.

Line 61, "IN a rapid test" should read --In a rapid test--.

Signed and Sealed this

Twenty-eighth Day of November, 2006

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is stylized, with a large, looped initial "J" and a distinct "D" at the end.

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*